

| <br>Application No. | Applicant(s) |  |
|---------------------|--------------|--|
| 10/029,540          | JIN ET AL.   |  |
| Examiner            | Art Unit     |  |
|                     |              |  |
| Lilybott Mortin     | 2955         |  |

|                                    |      |     |      |                                   | 18    | SUE CLA                             | SSIFICA                                   | TION                        |                         |  |  |  |  |  |  |  |  |
|------------------------------------|------|-----|------|-----------------------------------|-------|-------------------------------------|-------------------------------------------|-----------------------------|-------------------------|--|--|--|--|--|--|--|--|
|                                    |      |     | ORIG | INAL                              |       | CROSS REFERENCE(S)                  |                                           |                             |                         |  |  |  |  |  |  |  |  |
| CLASS SUBCLASS                     |      |     |      |                                   | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK)   |                                           |                             |                         |  |  |  |  |  |  |  |  |
| 73                                 |      |     |      | 862.331                           | 73    | 862.33<br>5                         |                                           |                             |                         |  |  |  |  |  |  |  |  |
| IN                                 | NTER | NAT | ONAL | CLASSIFICATION                    |       |                                     |                                           |                             |                         |  |  |  |  |  |  |  |  |
| G                                  | О    | 1   | L    | 3/12                              |       |                                     |                                           |                             |                         |  |  |  |  |  |  |  |  |
| G                                  | 0    | 4   |      | 3/14                              |       |                                     |                                           |                             |                         |  |  |  |  |  |  |  |  |
|                                    |      |     |      | 1                                 |       |                                     |                                           |                             |                         |  |  |  |  |  |  |  |  |
|                                    |      |     |      | 1                                 |       |                                     |                                           |                             |                         |  |  |  |  |  |  |  |  |
|                                    |      |     |      | /                                 |       |                                     |                                           |                             |                         |  |  |  |  |  |  |  |  |
|                                    |      |     |      | Martir 8/17/20<br>t Examiner) (Da |       | EDWAR                               | ID LEFKOWIT                               | Total Claims Allowed: 13    |                         |  |  |  |  |  |  |  |  |
| (Lega/Instruments Examiner) (Date) |      |     |      |                                   |       | SUPERVISOR)<br>TECHNOLO<br>(Primary | ( PATENT EX)<br>IGY CENTER :<br>Examiner) | O.G.<br>Print Claim(s)<br>2 | O.G.<br>Print Fig.<br>1 |  |  |  |  |  |  |  |  |

|       | Claims renumbered in the same order as presented by applicant |   |       |          |   |       |          |   |       |          |  | □ c   | PA       |   | ☐ T.D. |          |   | □ R.  | .1.47    |
|-------|---------------------------------------------------------------|---|-------|----------|---|-------|----------|---|-------|----------|--|-------|----------|---|--------|----------|---|-------|----------|
| Final | Original                                                      |   | Final | Original |   | Final | Original |   | Final | Original |  | Final | Original |   | Final  | Original |   | Final | Original |
| 1     | 1                                                             |   |       | 31       |   |       | 61       |   |       | 91       |  |       | 121      |   |        | 151      |   |       | 181      |
| 1     | 2                                                             |   |       | 32       |   |       | 62       |   |       | 92       |  |       | 122      |   |        | 152      |   |       | 182      |
|       | 3                                                             |   |       | 33       |   |       | 63       |   |       | 93       |  |       | 123      |   |        | 153      |   |       | 183      |
| 3     | 4                                                             |   |       | 34       |   |       | 64       |   |       | 94       |  |       | 124      |   |        | 154      |   |       | 184      |
| 4     | 5                                                             |   |       | 35       |   |       | 65       | Ì |       | 95       |  |       | 125      |   |        | 155      |   |       | 185      |
|       | 6                                                             |   |       | 36       |   |       | 66       |   |       | 96       |  |       | 126      |   |        | 156      |   |       | 186      |
| 5     | 7                                                             |   |       | 37       |   |       | 67       |   |       | 97       |  |       | 127      |   |        | 157      |   |       | 187      |
| 6     | 8                                                             |   |       | 38       |   |       | 68       |   |       | 98       |  |       | 128      |   |        | 158      |   |       | 188      |
| 7     | 9                                                             |   |       | 39       |   |       | 69       |   |       | 99       |  |       | 129      |   |        | 159      |   |       | 189      |
| 8     | 10                                                            |   |       | 40       |   |       | 70       | ] |       | 100      |  |       | 130      | i |        | 160      |   |       | 190      |
| 9     | 11                                                            |   |       | 41       |   |       | 71       |   |       | 101      |  |       | 131      |   |        | 161      |   |       | 191      |
| 10    | 12                                                            |   |       | 42       |   |       | 72       |   |       | 102      |  |       | 132      | • |        | 162      |   |       | 192      |
| 11    | 13                                                            | ! |       | 43       |   |       | 73       |   |       | 103      |  |       | 133      |   |        | 163      |   |       | 193      |
| 12    | 14                                                            |   |       | 44       |   |       | 74       | } |       | 104      |  |       | 134      |   |        | 164      |   |       | 194      |
| 13    | 15                                                            |   |       | 45       |   |       | 75       |   |       | 105      |  |       | 135      |   |        | 165      |   |       | 195      |
|       | 16                                                            | 1 |       | 46       |   |       | 76       |   |       | 106      |  |       | 136      |   |        | 166      |   |       | 196      |
|       | 17                                                            | 1 |       | 47       |   |       | 77       |   |       | 107      |  |       | 137      |   |        | 167      |   |       | 197      |
|       | 18                                                            | 1 |       | 48       |   |       | 78       |   |       | 108      |  |       | 138      |   |        | 168      |   |       | 198      |
|       | 19                                                            | 1 |       | 49       | 1 |       | 79       | 1 |       | 109      |  |       | 139      |   |        | 169      |   |       | 199      |
|       | 20                                                            | 1 |       | 50       | 1 |       | 80       |   |       | 110      |  |       | 140      |   |        | 170      |   |       | 200      |
|       | 21                                                            |   |       | 51       | 1 |       | 81       |   |       | 111      |  |       | 141      |   |        | 171      |   |       | 201      |
|       | 22                                                            | 1 |       | 52       | 1 |       | 82       | 1 |       | 112      |  |       | 142      |   |        | 172      |   |       | 202      |
|       | 23                                                            | 1 |       | 53       |   |       | 83       |   |       | 113      |  |       | 143      |   |        | 173      |   |       | 203      |
|       | 24                                                            |   |       | 54       | 1 |       | 84       | 1 |       | 114      |  |       | 144      |   |        | 174      |   |       | 204      |
|       | 25                                                            | 1 |       | 55       | 1 |       | 85       |   |       | 115      |  |       | 145      |   |        | 175      |   |       | 205      |
|       | 26                                                            | 1 |       | 56       | ] |       | 86       |   |       | 116      |  |       | 146      |   |        | 176      |   |       | 206      |
|       | 27                                                            | 1 |       | 57       | ] |       | 87       |   |       | 117      |  |       | 147      |   |        | 177      |   |       | 207      |
|       | 28                                                            |   |       | 58       | ] |       | 88       |   |       | 118      |  |       | 148      |   |        | 178      |   |       | 208      |
|       | 29                                                            | ] |       | 59       | ] |       | 89       |   |       | 119      |  |       | 149      | ] |        | 179      | } |       | 209      |
|       | 30                                                            | 1 |       | 60       | ] |       | 90       | 1 |       | 120      |  |       | 150      |   |        | 180      |   |       | 210      |